



PTO/SB/21 (01-03)

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|---|------------------------|--------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/666,614         |
|   | Filing Date            | September 18, 2003 |
|   | First Named Inventor   | Mark S. Zak        |
|   | Art Unit               |                    |
|   | Examiner Name          |                    |
| Total Number of Pages in This Submission  | Attorney Docket Number | 0626-0054          |

| ENCLOSURES (Check all that apply)  |   |  |
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| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    | Remarks   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |
| <b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>                            |   |  |
| Firm or Individual   | Stephen B. Heller   |  |
| Signature  |   |  |
| Date   | January 15, 2004  |  |

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| Typed or printed   | Kristine Callahan |      |                  |
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PATENT

Attorney Docket No. 0626-0054

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:  
Mark S. Zak et al.

Serial No.: 10/666,614

Filed: September 18, 2003

Examiner:

Art Unit:

For: METHOD AND APPARATUS FOR HEAT  
TREATMENT OF PARTICULATES IN AN  
ELECTROTHERMAL FLUIDIZED BED  
FURNACE AND RESULTANT PRODUCTS

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NAME: Kristine Callahan

SIGNATURE: *Kristine Callahan*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §1.97, as revised on February 4, 1992, 1135 OG 23-24, Applicants hereby call the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application.

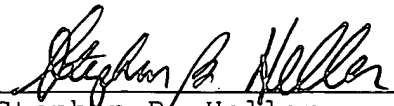
No inference should be drawn that any apparatus disclosed is equivalent to the subject invention. Also, the citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be

construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicants also respectfully reserve the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the present patent application.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fee under 37 CFR 1.97(c) is required. If it is determined that a fee is required for this Information Disclosure Statement, please charge our Deposit Account No. 50/1039.

Respectfully submitted,

  
\_\_\_\_\_  
Stephen B. Heller  
Registration No. 30,181

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

|                        |                    |
|------------------------|--------------------|
| Application Number     | 10/666,614         |
| Filing Date            | September 18, 2003 |
| First Named Inventor   | Mark S. Zak        |
| Art Unit               |                    |
| Examiner Name          |                    |
| Attorney Docket Number | 0626-0054          |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | 1                     | US- 3,448,234                            | 6/3/1969                       | Goldberger et al.                                  |   |
|                    | 2                     | US- 3,993,450                            | 11/23/1976                     | Schora, Jr. et al.                                 |   |
|                    | 3                     | US- 4,158,695                            | 6/19/1979                      | Ishizuka et al.                                    |   |
|                    | 4                     | US- 4,160,813                            | 7/10/1979                      | Markel et al.                                      |   |
|                    | 5                     | US- 4,178,170                            | 12/11/1979                     | Iacotti et al.                                     |   |
|                    | 6                     | US- 4,224,056                            | 9/23/1980                      | Tomizawa et al.                                    |   |
|                    | 7                     | US- 4,435,444                            | 3/6/1984                       | Goldberger et al.                                  |   |
|                    | 8                     | US- 4,543,240                            | 9/24/1985                      | Goldberger   |   |
|                    | 9                     | US- 4,547,430                            | 10/15/1985                     | Goldberger et al.                                  |   |
|                    | 10                    | US- 6,071,468                            | 6/6/2000                       | Miyashita et al.                                   |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    | 11                    | WO 03/080874 A1   | 10/02/2003                     | Superior Graphite Co.                              |   | X              |
|                    |                       |   |                                |  |   |                |
|                    |                       |   |                                |  |   |                |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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